

CATEGORY BOOK 2026-27
FOR 3-PHASE TRACTION MOTOR
TYPE 6FXA-7059

NOTE:

- 1. STOCKING C&D NOS ARE UNDERLINED**
- 2. MANUFACTURING SPARES, WIP AND BUFFER ARE TO BE CONSIDERED FOR
CALCULATION NPQ**
- 3. ALWAYS LATEST VERSION OF DRAWING/ SPECIFICATIONS TO BE FOLLOWED**

SN	TENDER CASE No.	KIT C&D. NO.	C&D.NO	M.C. NO.	DESCRIPTION	DRAWING NO.	SPECIFICATION NO./ STR No.	QTY./ TM	REMARKS
1	176		<u>5712/327</u> <u>5812/207</u> <u>307 & 407</u>	29721106 22 17 A	POLYIMIDE FOIL (KAPTON), PI FO 1 Size:- 0.125 x 510 mm (IN CONTINUOUS ROLL OF 50 m)	-----	4 TMS 096.092,Rev.1 CLW/TM/176 (Rev.1)	10 m of width 510 mm	COMMON TO 6FRA 6068
2			<u>5816/050</u>	29720904 01 17 A	POLYAMIDE (NOMEX Type - 410) STRIP SIZE:- 0.25 mm Thk. X 9 +0.02-0.4 mm width x 417 ± 0.2 mm long.	4TWD.096.169 Ref.- 2, Alt-2 or Latest	4 TMS 096.091 Rev.1,Alt-1 STR No. CLW/TM/STR/861,(Rev. 1)	152 pcs	UN-COMMON TO 6FRA 6068
3			<u>5712/331</u> <u>5812/208</u>	29720898 01 17 A	POLYAMIDE (NOMEX Type-410) STRIP SIZE:- 0.13 mm Thk. X 8.4 ± 0.05 mm width x 90 ± 0.1 mm long.	4TWD.096.169 Ref.- 1, Alt-2 or Latest	4 TMS 096.091 Rev.1,Alt-1 CLW/TM/STR/861,(Rev. 1)	1134 pcs	COMMON TO 6FRA 6068
4	861		<u>5716/023</u> <u>5816/005</u>	2972 5100 2217 A	POLYAMIDE PAPER (NOMEX), PAP 1 SIZE:- 0.38 X 914 mm (IN CONTINUOUS ROLL OF 10 m)	-----	4TMS.096.091 Rev.1,Alt-1 CLW/TM/176 (Rev.1)	0.075 m of width 914 mm	DO
5	251		<u>5716/010</u> <u>5816/018</u>	2972 1039 2217 A	SILICON IMPREGNATING RESIN SILRES H 62 C or EQUIVALENT	-----	4 TMS 096.093 Alt-1 CLW/TM/12100 Rev.1	14.3 Kg	COMMON TO 6FRA 6068 (Imported item)
6	169		<u>5716/053</u> <u>5812/208</u> <u>5812/308</u> & <u>5812/408</u>	2972 1064 1317A	NON ADHESIVE POLYIMIDE FILM TAPE 2 MIL. THK. X 20 mm WIDE (IN CONTINUOUS ROLL OF 50 m)	-----	4TMS.096.029 Rev.1 or Latest CLW/TM/169 (Rev.1)	390 m	COMMON TO 6FRA 6068
7	252		<u>5716/012</u> <u>5816/019</u>	29721192 1317 C	AUXILIARY MATERIAL - 38 or Equivalent	-----	4TMS 096.093 Alt-1 or latest CLW/TM/12100 Rev.1 or latest	0.26 Kg	COMMON TO 6FRA 6068
8			<u>5716/019</u> <u>5816/022</u>	29721209 1317 C	BASIC RESIN SI - 32 or Equivalent	-----	4 TMS 096.094 Alt-1 or latest CLW/TM/12110 Rev.1 or latest	0.37 Kg	COMMON TO 6FRA 6068
9	257		<u>5716/020</u> <u>5816/023</u>	29721210 1317 C	ACCELERATOR 27 or Equivalent	-----	4TMS.096.094 Alt-1 or latest 4TMS.096.016 Rev.1 or latest CLW/TM/12110 Rev.1 or latest	0.004 Kg	COMMON TO 6FRA 6068
10	265	<u>5716/063</u>	<u>5716/045,046</u>	29721623	KIT OF SILICON RUBBER COMPONENTS ELASTOSIL RT 622 A & 622 B OF WACKER METROARK CHEMICAL OR EQUIVALENT Firm must mention the mixing ratio of RT 622A & RT 622B during tender, testing & supply of materials.	-----	CLW/TM/0265 Rev.1 or latest	05 Kg	"COMMON TO 6FRA 6068" NOTE: Break up for 1 m/s i) Dow Silicone Make SILASTIC RTV-4250-S=4.545 Kg & Curing Agent=0.455 Kg. ii) Altrapole Make Neukasil RTV230= 2.5 Kg.& Neukasil crosslinker A 149=2.5 Kg. iii) 3A Associates Make 522A=4.545 Kg & 522B =0.455 Kg iv) REMKO WIRE make RW422-A=2.5kg & RW 422-B=2.5kg V) Plastofib make P22A= 2.5 kg & P22B = 2.5 kg

MATERIAL DEMAND SCHEDULE OF 3-PHASE TRACTION MOTOR TYPE 6 FXA 7059 FOR THE YEAR 2026-27 AND ONWARDS

2 of 8

SN	TENDER CASE No.	KIT C&D. NO.	C&D.NO	M.C. NO.	DESCRIPTION	DRAWING NO.	SPECIFICATION NO./ STR No.	QTY./ TM	REMARKS
11	265		<u>5816/040</u>	29720655 13 17 C	PRIMER G 790 OF WACKER MATROARK CHEMICALS OR EQUIVALENT	-----	4 TMS.096.095 Alt-1 or latest CLW/TM/STR/0266 Rev.1 or latest	0.25 Kg.	COMMON TO 6FRA 6068
12	623		<u>5720/207</u> <u>5890/053</u> <u>5811/103</u> <u>5821/208</u> <u>5830/105 &</u> <u>5840/105</u>	29721246 1317 C	PRIMER PAINT	-----	4TMS.096.019 Rev.1 or latest CLW/TM/12210 Rev.1- or latest	1 Kg.	DO
13			<u>5780/065</u> <u>5820/207</u> <u>5811/103</u> <u>5821/208</u> <u>5830/105 &</u> <u>5840/105</u>	29721003 1317 C	TOP COATING PAINT	-----	4TMS.096.020 Rev.1 or latest CLW/TM/12210 Rev.1 or latest	1.6 Kg.	DO
14			<u>5780/066</u> <u>5820/208</u>	29721015 1317 C	HARDENER FOR TOP COATING PAINT	-----	CLW/TM/12210 Rev.1 or latest	0.14 Kg	DO
15			<u>5780/067</u> <u>5820/209</u>	29721258 1317 C	THINNER FOR TOP COATING PAINT	-----	CLW/TM/12210 Rev.1 or latest	0.75Kg	DO
16	0052	<u>5890/051</u>	5890/049 5890/050	29030031 0317D	SET OF ROLLER BEARING EACH SET CONSIST OF 01 NO. ROLLER BEARING NU 224 E/C4, 01 NO.ROLLER BEARING NJ 219 E/C4, & 01 NO. THRUST COLLER HJ 219 E	-----	4TMS.096.065 Rev.1,Alt-1 (latest version) RDSO FRA No.-RDSO/EL/FRS/BEARING/ 0011-2015 Rev.0	01 SET	UN-COMMON TO 6FRA 6068
17	260		<u>5890/044</u>	80034809 1317A	Lubricating Grease for Traction Motor Bearing(WAP-5)	-----		0.5 Kg	DO
18	193		<u>5716/052</u> <u>5816/041</u>	2972 0722 2217 C	POLYESTER GLASS SILK TAPE SIZE - 0.09 ± 0.01 mm X 20 mm	-----	4TMS.096.088,Rev.1 CLW/TM/193 (Rev.1) or Latest	687 m	2307 Sec. = 540 m 2308 Sec. = 147 m COMMON TO 6FRA 6068
19	0056		<u>5760/600</u> <u>5860/100</u>	2994 0552 0117 A	Temperature Sensor Assly. (Complete) for 3 phase TM type 6 FRA 6068 & 6 FXA 7059	-----	4TMS.096.087 Rev-1 or latest CLW/TM/17320 Rev-1 or Latest	01 set	NIL
20	0055		<u>5860/150</u>	2994 0540 0117 A	Completely assembled Temperature Sensor for 3 phase TM type 6 FXA 7059	-----	4TMS.096.085,Rev-2 or latest STR No: CLW/TM/17320 Rev.-1 or Latest	01 No.	Total qty. = 100% of total requirement of 6 FXA 7059
21	876		<u>5721/333</u> <u>5821/209</u>	292602201317A	MOLYCOTE (R) G-N PLUS OF DOW CORNING OR HIGH TEMPERATURE EP GREASE MK-W82-HT FROM M K IMPEX CANADA	-----		0.025 Kg	COMMON TO 6FRA 6068
22	171		<u>5712/322</u> <u>5812/202</u> <u>302, 402</u> <u>5813/205</u> <u>305 & 405</u> <u>5814/102</u>	2972 1120 2217 C	MICA GLASS FABRIC TAPE Mi/GI-Gwb 18 SIZE - 0.12 X 15 mm (IN ROLL OF 30 m)	-----	4TMS.096.098 CLW/TM/0171 (Rev.2) or Latest	2840 m	COMMON TO 6FRA 6068

Prepared by JE/DRG(E)

Checked by SSE/DRG.(E)

Approved by Dy.CEE/TMD.

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3 of 8

SN	TENDER CASE No.	KIT C&D. NO.	C&D.NO	M.C. NO.	DESCRIPTION	DRAWING NO.	SPECIFICATION NO./ STR No.	QTY./ TM	REMARKS
23	263		<u>5716/034</u> <u>5816/027</u>	29721090 1317 C	THINNER FOR STATOR WASHING	-----	4TMS.096.030 Rev.1 or latest CLW/TM/0263 Rev.1 or Latest	10 Kg	2101 Sec.= 5 Kg 2308 Sec.= 5 Kg
24	173		<u>5712/324</u> <u>5812/204</u> <u>304 & 404</u>	2972 1131 2217 A	AUTO ADHESIVE TAPE (KAPTON), SIZE - 0.07 X 9.5 mm (IN ROLL OF 33 m)	-----	4TMS.096.097 Alt.1 CLW/TM/173 (Rev.2) or Latest	90 m	Sl.No.25,26 & 27 to be dealt together COMMON TO 6 FRA 6068
25			<u>5712/325</u> <u>5812/205</u> <u>305 & 405</u>	2972 1143 2217 A	AUTO ADHESIVE TAPE (KAPTON), SIZE - 0.07 X 19.1 mm (IN ROLL OF 33 m)	-----		280 m	2307 Sec. = 65 m 2308 Sec. = 215 m COMMON TO 6 FRA 6068
26			<u>5712/326</u> <u>5812/206</u> <u>356 & 376</u> <u>306 & 406</u>	2972 1155 2217 A	AUTO ADHESIVE TAPE (KAPTON), SIZE - 0.076 X 50 mm (IN ROLL OF 33 m)	-----		90 m	COMMON TO 6FRA 6068
27	862		<u>5716/015</u> <u>5816/012</u> <u>& 013</u>	2972 1118 2217 A	POLYAMIDE (NOMEX) PA VLIES-1, Size :- 2.5 X 1000 mm (IN CONTINUOUS ROLL OF 10 m)	-----	4TMS.096.028 Rev.1 or Latest CLW/TM/015 (Rev.2) or Latest	2.75 m of width 1000 mm	DO
28	867		<u>5716/005</u> <u>5816/008</u>	2972 1052 2217 C	GLASS FIBRE CORD - 1 Ø 7	-----	4TMS.096.100 EL/TM/2066 ,Rev-2	25.25 m	DO
29			<u>5716/006</u> <u>5816/007</u>	2972 1260 2217 C	GLASS FIBRE CORD - 1 Ø 11	-----		5 m	DO
30			<u>5816/006</u>	2972 1271 2217 C	GLASS FIBRE CORD - 1 Ø 16	-----		5 m	UN-COMMON TO 6FRA 6068
31	172		<u>5716/051</u> <u>5816/037</u>	2972 0710 2217 C	FLAT HOSE,GI Gefl - 7,Size:- 1.6 X 17 mm	-----	4TMS.096.102 EL/TM/2066 ,Rev-2	125 m	COMMON TO 6FRA 6068
32	172		<u>5716/024</u> <u>5816/010</u>	2972 1088 2217 C	HOSE GI Gefl - 3 (FLAT HOSE) SIZE:- 4 X 22 mm	-----	4TMS.096.101 EL/TM/2066 ,Rev-2	1.8 m	DO
33	422	<u>5811/205</u>		2994 5318 0317 B	SET OF STATOR & ROTOR STAMPINGS EACH SET CONSISTING OF FOLLOWING FIVE (05) ITEMS	-----	STR No. CLW/2011/0421/STATOR & ROTOR STAMPINGS, Rev-1 or Latest	01 SET	
					i) STATOR MAIN STAMPINGS	1TWD.097.001, Alt-4, Ref-1 or Latest	4TMS.096.053 Rev-2, Alt-11 or Latest		
					ii) SOLID STATOR END PLATE	SKEL-4887, Alt-0 (latest version)			
					iii) ROTOR MAIN STAMPINGS	2TWD.097.002, Alt-5, Ref-1 or Latest	4TMS.096.053 Rev-2, Alt-11 or Latest		

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4 of 8

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					iv) ROTOR MID STAMPINGS	2TWD.097.002, Alt-5, Ref-3 or Latest	4TMS.096.053 Rev-2, Alt-11 or Latest		
					v) SOLID ROTOR END PLATE	SKEL-4888, Alt-1 (latest version)			
34	893		<u>5821/205</u>	2994 5203 0117 B	ROTOR END RING (CNC MACHD.) for 6FXA 7059	2TWD.097.013 Alt-4, or latest	4TMS.096.068 Rev.-2, Alt-1 or Latest STR No: CLW/TM/18109 Rev.1 or Latest	02 Nos.	UN-COMMON TO 6FRA 6068
35	182		<u>5816/009</u>	2994 5252 0117 C	STATOR SLOT WEDGE	4TWD.097.017, Alt-1 or latest	4TMS.096.103 CLW/TM/STR/12060 Rev.1 or Latest	150 Nos.	DO
36	198		<u>5715/600</u> <u>5815/100</u>	2994 2123 0117 S	TERMINAL BOARD ASSLY. (COMPLETE)	2TWD.096.019, Alt-1 or latest	4TMS.096.025 Rev.1 or Latest STR.CLW/TM/STR/198 Rev.1	01 No.	COMMON TO 6FRA 6068
37	170		<u>5721/321</u> <u>5812/201</u> <u>301, 401</u>	2994 0370 1317F	WINDING WIRE FLAT FI Cu Fo 13 CR Size:- BARE (4.00 X 2.00) mm & INSULATED (4.23 X 2.23) mm	-----	STR-CLW/TM/STR/9160 Rev. 1 4TMS 096.099 Alt-2	160 Kg.	DO
38	372	<u>5890/057</u>		2994 5422 0317B	SET OF STATOR CHAMBER AND ASSOCIATED COMPONENTS EACH SET CONSISTING 14 NOS. FOLLOWING ITEMS:-	As per Annexure B	-----	01 Set	
			5811/202		(i) STATOR CHAMBER/DE (CNC MACHD.) RDSO STR NO.-21, Rev-1 or latest	1TWD.097.010, Alt-4,Ref-1 or Latest	4TMS.096.059 Rev.1 or Latest		
			5890/001		(ii) BEARING COVER (DE) (CNC MACHD.) RDSO STR NO.-21, Rev-1 or latest	3TWD.097.036, Alt- 3 or Latest	4TMS.096.068 Rev-2 Alt.1 or Latest		
			5820/102		(iii) INNER LABYRINTH/DE (CNC MACHD.) RDSO STR NO.-21, Rev-1 or latest	4TWD.097.035 Alt.-3 or Latest	DO		
			5890/002		(iv) INNER LABYRINTH/DE (CNC MACHD.) RDSO STR NO.-21, Rev-1 or latest	4TWD.097.037 Alt.-3 or Latest	DO		
			5830/101		(v) END FRAME /DE ASSLY. (CNC MACHD.) WITH AIR OUTLET NET & RDSO STR NO. 21, Rev-1 or latest	1TWD.097.011 Alt.-5,Ref-1 or Latest & 3TWD.097.008 Alt- 3 or Latest	4TMS.096.068 Rev.2 Alt.1 or Latest		
			5811/201		(vi) STATOR CHAMBER/NDE (CNC MACHD.) RDSO STR NO.-21, Rev-1 or latest	1TWD.097.009, Alt-3,Ref-1 or Latest	4TMS.096.059 Rev.1 or Latest		
			5890/005		(vii) BEARING CAP/NDE (CNC MACHD.) RDSO STR NO.-21, Rev-1 or latest	3TWD.097.039 Alt.-4 or Latest	4TMS.096.068, Rev.-2 Alt.1 or Latest		
			5890/007		(viii) CLAMP PLATE/NDE (CNC MACHD.) RDSO STR NO.-21, Rev-1 or latest	2TWD.097.040 Alt. 3 or Latest	DO		UNCOMMON TO 6FRA 6068

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5 of 8

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			5820/101		(ix) INNER LABYRINTH/NDE (CNC MACHD.) RDSO STR NO.-21, Rev-1	4TWD.097.034 Alt.-3 or Latest	DO		
			5890/004		(x) INNER LABYRINTH/NDE (CNC MACHD.) RDSO STR NO.-21, Rev-1 or latest	4TWD.097.038 Alt.-3 or Latest	DO		
			5840/101		(xi) END FRAME /NDE ASSLY. (CNC MACHD.) with covering & RDSO STR NO. 21, Rev-1 or latest	0TWD.097.012 Alt. 6,Ref.-1,or Latest 4 TWD 097.042 Alt-2 (latest version)	DO		
			5870/101		(xii) SPEED PROBE HOUSING (CNC MACHD.) & RDSO STR NO. 21, Rev-1 or latest	1TWD.096.077, Alt-5 or Latest	DO		
			5811/300		(xiii) MACHINED TERMINAL BOX ASSLY.	3TWD.096.059 Alt. 4 or Latest	4TMS.096.055 Rev1 or Latest STR No: CLW/TM/18310 Rev.1 or Latest		
			5880/100		(xiv) TERMINAL BOX COVER ASSLY	4TWD.096.027, Alt.3 or Latest	IS:10192'82 Gr EP3 or Latest STR No: CLW/TM/17030 Rev.1 or Latest		
39	565		<u>5821/104</u>	7698 2129 1317 F	COPPER WELDING WIRE FOR MIG WELDING, Size:- Ø 1.6 mm ON ROLLS (STANDARD ROLLS)	-----	AS PER DIN-1733 MATERIAL NO. 2.1006 STR No: CLW/TM/950 Rev.1 or Latest	5 Kg	UN-COMMON TO 6FRA 6068
40	183		<u>5821/101</u>	2994 5057 0117 S	ROTOR BAR (MACHINED)	4TWD.097.022 Alt.-4 or Latest	4TMS.096.060 Rev.1 STR No: CLW/TM/9039 Rev. 1 or Latest	88 Nos.	DO
41	184		<u>5821/102</u>	2994 5112 0117 F	SHRINK RING (MACHINED)	4TWD.097.023 Alt.-2 or Latest	4TMS.096.063,Rev.1 STR No: CLW/TM/17140 Rev. 1	02 No.	DO
42	185		<u>5821/103</u>	2994 5124 0117 F	RESISTANCE RING (MACHINED)	4TWD.097.024 Alt.-4 or Latest	4TMS.096.064,Rev.1 or Latest STR No: CLW/TM/9069 Rev. 1 or Latest	02 No.	DO
43	902		<u>5813/100</u>	2994 5367 0317 B	CONNECTION COMPLETE WITH CLAMPING PLATE (WITHOUT INSULATION)	1TWD.097.007 Alt.-4 or Latest	4TMS.096.062 Alt.-5 or Latest STR No: CLW/TM/ 10060 Rev. 1 or Latest	01 SET	DO
44	399		<u>5821/201</u>	2994 5069 0117 S	ROTOR SHAFT (ROUGH MACHINED)	3TWD.097.005 Alt.- 4 or Latest	4TMS.096.051 Rev-2 or latest STR No. CLW/TM/STR/10100//Armature shaft /Rotor shaft(Rough Machined) Rev.1	01 No.	Do Manufacturing Spares are taken @2.5% Vide Note No: TM/M-20/05 Dtd:22.12.16

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6 of 8

SN	TENDER CASE No.	KIT C&D. NO.	C&D.NO	M.C. NO.	DESCRIPTION	DRAWING NO.	SPECIFICATION NO./ STR No.	QTY./ TM	REMARKS
45	377		<u>5814/101</u>	2994 5331 0117 F	NEUTRAL CONDUCTOR RING ASSLY. (WITHOUT INSULATION)	4TWD.097.006, Alt.-2,Ref.-1 or Latest	4TMS.096.062 Alt.-5 or Latest STR No: CLW/TM/ 10060 Rev.1 or Latest	01 Nos.	UN-COMMON TO 6FRA 6068
46	0058		<u>5800/000</u>	2994 5008 0317 P	3-PHASE ASYNCHRONOUS TRACTION MOTOR TYPE 6FXA 7059	0TWD.097.057, Alt-1 or latest	4TMS.097.001, Rev-1 or Latest STR No. CLW/2008/3 PH TM/STR/0001, Rev-1, Alt-1 or Latest	01 No.	
48	904		<u>5890/020</u>	2967 0020 0117 L	NAME PLATE FOR RATING	4TWD.097.043, Alt. 3 or Latest	CLW/TM/17290, Rev.1 (latest version)	01 No.	UN-COMMON TO 6FRA 6068
49	879		<u>5780/068</u> <u>5890/055</u>	2967 0111 0117 L	NAME PLATE	4TWD.096.090, Alt. 3 or Latest	CLW/TM/17290, Rev.1 (latest version)	02 Nos.	COMMON TO 6FRA 6068
50	938		<u>5811/203</u>	2994 5215 0117 B	TENSION BAR	4TWD.097.026 Alt.- 4, Ref.-1 or Latest	4TMS.096.055 Rev.1 or Latest STR No: CLW/TM/ 939 Rev.2 or Latest	06 Nos.	UN-COMMON TO 6FRA 6068
51	939		<u>5811/204</u>	2994 5227 0117 B	TENSION BAR	4TWD.097.026 Alt.- 4, Ref.-2 or Latest	4TMS.096.055 Rev.1 or Latest STR No: CLW/TM/ 939 Rev.2 or Latest	02 Nos.	DO
52	935		<u>5811/209</u>	2994 5239 0117 B	STATOR RIB	4TWD.097.030, Alt-1 Ref.- 1 (latest version)	4TMS 096.055,Rev.1 or latest STR No: CLW/TM/935, Rev.1 or latest.	01 No.	DO
53	936		<u>5811/210</u>	2994 5240 0117 B	STATOR RIB	4TWD.097.030,Alt-1 Ref.-2 or Latest	4TMS 096.055,Rev-1 or latest STR No: CLW/TM/935,Rev.1 or latest.	01 No.	DO
54	937		<u>5821/202</u>	2994 5070 0117 S	KEY	4TWD.097.031 Alt-1 (latest version)	DO STR No: CLW/TM/18310 Rev.1 or Latest	01 No.	DO
55	891		<u>5721/324</u> <u>5821/206</u>	2994 2100 0117 S	HALF RING	4TWD.096.049, Alt. 3 or Latest	DO STR No: CLW/TM/18190 Rev. 1 or Latest	02 Nos.	COMMON TO 6FRA 6068
56	868		<u>5720/210</u> <u>5820/211</u>	2994 5598 0317 D	BALANCE WEIGHT KIT (Scheme- 1 rotor for 3-PHASE TM type 6FRA 6068 & rotor for 6FXA 7059)	4TWD.096.044 Alt-8 or Latest 4TWD.096.101 Alt 4 or Latest	4TMS.096.084 Rev.1 or Latest CLW/TM/18219 Rev.1 or Latest	01 Set	COMMON TO 6FRA 6068 with SCH.-1 rotor
57	387		<u>5711/308</u> <u>5811/206</u>	2994 0527 0117 B	FLANGE	4TWD.096.067, Alt. 6 or Latest	STR No: CLW/TM/17501 Rev. 1 or latest, 4TMS 096.055, Rev.1 or Latest	01 No.	COMMON TO 6FRA 6068
58	375		<u>5811/208</u>	2994 5082 0117 S	WELDING PLATE	4TWD.097.029 Alt- 3 or Latest	CLW/TM/17050,Rev.1 or Latest	01 No.	UN-COMMON TO 6FRA 6068
59	385		<u>5711/309</u> <u>5811/207</u>	2994 2147 0117 S	EARTHING STUD	4TWD.096.066, Alt. 3 or Latest	CLW/TM/17040, Rev.2 or Latest	01 No.	COMMON TO 6FRA 6068
60	913		<u>5780/016</u> <u>5890/014</u>	2994 0308 0117 D	HOSE CLAMP	4TWD.096.070, Alt. 3 or Latest	STR No: CLW/TM/17280 Rev. 1 or Latest	01 No.	COMMON TO 6FRA 6068

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7 of 8

SN	TENDER CASE No.	KIT C&D. NO.	C&D.NO	M.C. NO.	DESCRIPTION	DRAWING NO.	SPECIFICATION NO./ STR No.	QTY./ TM	REMARKS
61	922		<u>5713/434</u> <u>5813/204</u> <u>305, 405 &</u> <u>5816/004</u>	2594 8556 1317 F	SILVER BRAZING ALLOY ROD Ø 2 X 500 ± 6 mm LONG	-----	TO IS: 2927-75, Gr. BA-Cu-Ag16A STR No: CLW/TM/951 Rev. 1 or Latest	0.4 Kg. (Shop 23 = 0.4 Kg)	COMMON TO 6FRA 6068
62	992		<u>5713/437</u> <u>5813/207</u> <u>308, 408 &</u> <u>5816/029</u>	2560 8095 1317 F	BRAZING FLUX SUITABLE FOR SILVER BRAZING ALLOY ROD & SILVER BRAZING ALLOY FOIL	-----	4TMS.096.096,Rev.1 STR No: CLW/TM/961 Rev.1 or Latest	0.08 Kg. (Shop 21 = nil Shop 23 = 0.08 Kg)	COMMON TO 6FRA 6068
63	873		<u>5780/013</u> <u>5890/008</u>	2994 0278 0117 D	THRUST CARRYING PIECE	3TWD.096.037, Alt.5 or Latest	IS: 10192'82 Gr-EP-3 or Latest STR No: CLW/TM/17030, Rev -1 or latest (latest version)	01 No.	COMMON TO 6FRA 6068
64	914		<u>5890/071</u>	2937 5071 0117D	RUBBER BUSH for 6 FXA 7059	4TWD.097.075 Alt.1 or latest	STR No: CLW/TM/14350 Rev. 1 or Latest	03 Nos.	UN-COMMON TO 6FRA 6068
65	917		<u>5890/006</u>	2994 5380 0117D	SEALING RING Ref.- 3	4TWD.096.030/3 Alt.-4 or Latest	4TMS.096.086 ,Rev.1 (latest version) STR No: CLW/TM/14350 Rev. 1 or Latest	01 No.	DO
66			<u>5780/007</u> <u>5890/003</u>	2925 0584 0117D	SEALING RING Ref.- 2	4TWD.096.030/2 Alt.-4 or Latest	Do	1.4 No.	COMMON TO 6FRA 6068
67			<u>5780/015</u> <u>5890/013</u>	2994 0280 0317 D	CORRUGATED HOSE COFLEX	3TWD.096.072 Alt.-5 or Latest	CLW/TM/19060 Rev-1	01 No	DO
68			<u>5780/053</u> <u>5890/043</u>	29940291 0317 B	CABLE BINDER	4TWD.096.079 Alt.-5 or Latest	4TMS.096.067 Rev.1 (latest version) CLW/TM/19070 Rev-1	05 Nos.	DO
69	231		<u>5780/054</u> <u>5890/054</u>	2560 8770 0317C	ANAEROBIC ADHESIVE (3B 1103) or Similer		4TMS.095.018 Rev.1 or latest CLW/TM/22600 Rev-1 or latest	0.11 litre	Do
70	398		<u>5880/200</u>	29945100 0317D	CLAMP ASSLY. (WITHOUT WELDING PLATE)	2TWD.097.018 Alt -2 or Latest	CLW/TM/17220 ,Rev.1 or latest	01 set.	UN-COMMON TO 6FRA 6068
71	230		<u>5780/074</u> <u>5890/056</u>	29600686	LIQUID GASKET (THREE BOND 1105 of M/s THREE BOND Co. LTD./JAPAN or SIMILAR)	-----	4TMS.095.017 Rev.1 or latest	0.1 Kg	COMMON TO 6FRA 6068
72	186		<u>5716/041</u> <u>5816/044</u>	2972 0734 2217 C	ADHESIVE GLASS CLOTH TAPE Size:- 0.14 x 19 mm WIDE (IN CONTINUOUS ROLL OF 30 m)	-----	4TMS.096.026 Rev.1 CLW/TM/12079/STR /AGCT(Rev.1) or Latest	15 m	DO
73	186		<u>5716/042</u> <u>5816/042</u>	2972 0746 2217 C	ADHESIVE GLASS CLOTH TAPE Size:- 0.14 x 50 mm WIDE (IN CONTINUOUS ROLL OF 30 m)	-----		10 m	DO

Prepared by JE/DRG(E)

Checked by SSE/DRG.(E)

Approved by SEE/TMD.

MATERIAL DEMAND SCHEDULE OF 3-PHASE TRACTION MOTOR TYPE 6 FXA 7059 FOR THE YEAR 2026-27 AND ONWARDS

8 of 8

SN	TENDER CASE No.	KIT C&D. NO.	C&D.NO	M.C. NO.	DESCRIPTION	DRAWING NO.	SPECIFICATION NO./ STR No.	QTY./ TM	REMARKS
74	187		<u>5716/044</u> <u>5816/043</u>	2972 0576 0117 C	POLYESTER FILM (Y-P) 2 MIL. THK. SIZE:- 100 + 2+ 0 mm X 500 + 3+ 0 mm	-----	4TMS.096.104 CLW /TM /187 Rev 1	150 Nos.	DO
75	095		<u>5716/043</u> <u>5816/045</u>	2972 0758 2217 C	HIGH TEMPERATURE NON ASBESTOS FABRIC MAT, SIZE:- 0.762 X 914 mm Wide	-----	4TMS.096.027 Rev. - 2 or Latest CLW/TM/STR/095 Rev 1	0.35 m	DO
76	221		<u>5716/056</u> <u>5816/044</u>	25722682 51 17 A	METHYL ALCOHOL OR INDUSTRIAL SOLVENT IS SIMILAR TO METHYL ALCOHOL	-----	TO IS: 517/86 or Latest Gr. METHANOL PURE/TECH	0.63 litre	DO To be supplied in Maximum 20-25 Kg capacity Container
77	893		<u>5716/062</u> <u>5816/051</u>	819807605117A	TOLUENE (Industrial Grade)	-----	IS:537/2011 or Latest CLW/TM/12110 Rev.1 or latest	0.189 Litre . (0.16 kg)	Common to 6 FXA 7059 (1 Litre=0.846 Kg) * To be supplied in Maximum 20-25 Kg capacity
78	101	<u>5890</u> <u>/057</u>		2994 5460 0317 L	"CYLINDRICAL PIN KIT"	-----	4TMS.096.072.Rev.1 or Latest CLW/TM/11070 Rev-1	01 SET	SHOP 21 = 5890/057 Un-common to 6FRA-6068
79	102	<u>5890</u> <u>/067</u>	5890/058 5816/047	2994 5483 0317 L	"MACHINED WASHER KIT"	-----	4TMS.096.073.Rev.1 or Latest CLW/TM/11070 Rev-1	01 SET	SHOP 21 = 5890/058 SHOP 23 = 5816/047 Un-common to 6FRA-6068
80	110	<u>5890</u> <u>/068</u>	5890/060 5816/048	2994 5501 0317 L	"SPRING WASHER KIT"	-----	4TMS.096.074, Rev.1 or Latest CLW/TM/11020, Rev-1 or Latest	01 SET	SHOP 21 = 5890/060 SHOP 23 = 5816/048 Un-common to 6FRA-6068
81	108	<u>5890</u> <u>/069</u>	5890/062 5816/049	2994 5513 0317 L	"STANDARD HARDWARE KIT"	-----	4TMS.096.075, Rev.1.Alt-1 STR No: CLW/TM/0854 Rev. 2 or Latest	01 SET	SHOP 21 = 5890/062 SHOP 23 = 5816/049 Un-common to 6FRA-6068
82	107	<u>5890</u> <u>/070</u>	5890/064 5890/018	2994 5525 0317 L	"THREAD INSERT KIT"	-----	4TMS.096.076, Rev.1 or Latest STR No: CLW/TM/0857 Rev. 1 or Latest	01 SET	SHOP 21 = 5890/064 SHOP 23 = 5816/018 Un-common to 6FRA-6068
83	105	<u>5890</u> <u>/066</u>		2994 5537 0317 L	"NON-STANDARD HARDWARE KIT"	-----	4TMS.096.077, Rev-1, Alt.1 or Latest CLW/TM/11070, Rev-1, Alt-1	01 SET	SHOP 21 = 5890/066 Un-common to 6FRA-6068
84	851		<u>5860/124</u>	2994 5434 0317 A	KITS FOR TEMPERATURE SENSOR ASSEMBLY FOR TM TYPE 6FXA 7059	4TWD.096.163 ALT. 4 or Latest REF:2	CLW/TM/17320/Kits	01 NO	NIL

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Prepared by JE/DRG(E)

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Checked by SSE/DRG.(E)

Vid
Approved by SSE/DRG.(E) TMD.